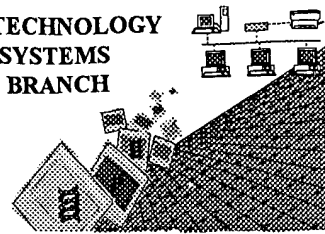


02/07

BIOTECHNOLOGY
SYSTEMS
BRANCH



RAW SEQUENCE LISTING
ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 09/965,876
Source: OIPF
Date Processed by STIC: 2/8/2002

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

FOR SEQUENCE RULES INTERPRETATION, PLEASE CONTACT ROBERT WAX, 703-308-4216.

PATENTIN 2.1 e-mail help: patin21help@uspto.gov or phone 703-306-4119 (R. Wax)

PATENTIN 3.0 e-mail help: patin3help@uspto.gov or phone 703-306-4119 (R. Wax)

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE **CHECKER**
VERSION 3.1 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND
TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:

<http://www.uspto.gov/web/offices/pac/checker>

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.

Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<<http://www.uspto.gov/ebc/efs/downloads/documents.htm>> , EFS Submission User Manual - ePAVE)
2. U.S. Postal Service: U.S. Patent and Trademark Office, Box Sequence, P.O. Box 2327, Arlington, VA 22202
3. Hand Carry directly to:
U.S. Patent and Trademark Office, Technology Center 1600, Reception Area, 7th Floor, Examiner Name, Sequence Information, Crystal Mall One, 1911 South Clark Street, Arlington, VA 22202
Or
U.S. Patent and Trademark Office, Box Sequence, Customer Window, Lobby, Room 1B03, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202
4. Federal Express, United Parcel Service, or other delivery service to: U.S. Patent and Trademark Office, Box Sequence, Room 1B03-Mailroom, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202

Revised 01/29/2002



OIPE

RAW SEQUENCE LISTING

DATE: 02/08/2002

PATENT APPLICATION: US/09/965,876

TIME: 14:43:08

Input Set : A:\00-789-A.seqlist2.ST25.txt

Output Set: N:\CRF3\02082002\I965876.raw

pp. 5, 3

3 <110> APPLICANT: Cellomics, Inc.
 4 Busa, William B
 6 <120> TITLE OF INVENTION: Methods and Reagents for Live-cell Gene Expression
 Quantification

8 <130> FILE REFERENCE: 00-789-A
 10 <140> CURRENT APPLICATION NUMBER: US 09/965,876
 11 <141> CURRENT FILING DATE: 2001-09-28
 13 <150> PRIOR APPLICATION NUMBER: US 60/236,407
 14 <151> PRIOR FILING DATE: 2000-09-28
 16 <160> NUMBER OF SEQ ID NOS: 42
 18 <170> SOFTWARE: PatentIn version 3.1
 20 <210> SEQ ID NO: 1
 21 <211> LENGTH: 16
 22 <212> TYPE: PRT
 23 <213> ORGANISM: ARTIFICIAL SEQUENCE
 25 <220> FEATURE:
 26 <223> OTHER INFORMATION: synthetic peptide
 28 <400> SEQUENCE: 1
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 31 1 5 10 15
 34 <210> SEQ ID NO: 2
 35 <211> LENGTH: 27
 36 <212> TYPE: PRT
 37 <213> ORGANISM: ARTIFICIAL SEQUENCE
 39 <220> FEATURE:
 40 <223> OTHER INFORMATION: synthetic peptide
 42 <400> SEQUENCE: 2
 44 Gly Ala Leu Phe Leu Gly Trp Leu Gly Ala Ala Gly Ser Thr Met Gly
 45 1 5 10 15
 48 Ala Trp Ser Gln Pro Lys Lys Lys Arg Lys Val
 49 20 25
 52 <210> SEQ ID NO: 3
 53 <211> LENGTH: 16
 54 <212> TYPE: PRT
 55 <213> ORGANISM: ARTIFICIAL SEQUENCE
 57 <220> FEATURE:
 58 <223> OTHER INFORMATION: synthetic peptide
 60 <400> SEQUENCE: 3
 62 Ala Ala Val Ala Leu Leu Pro Ala Val Leu Leu Ala Leu Ala Pro
 63 1 5 10 15
 66 <210> SEQ ID NO: 4
 67 <211> LENGTH: 26
 68 <212> TYPE: PRT
 69 <213> ORGANISM: ARTIFICIAL SEQUENCE

Does Not Comply
 Corrected Diskette Needed

RAW SEQUENCE LISTING
 PATENT APPLICATION: US/09/965,876

DATE: 02/08/2002
 TIME: 14:43:08

Input Set : A:\00-789-A.seqlist2.ST25.txt
 Output Set: N:\CRF3\02082002\I965876.raw

71 <220> FEATURE:
 72 <223> OTHER INFORMATION: synthetic peptide
 74 <400> SEQUENCE: 4
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 77 1 5 10 15
 80 Ala Leu Ala Ala Leu Ala Lys Lys Ile Leu
 81 20 25
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 85 <211> LENGTH: 18
 86 <212> TYPE: PRT
 87 <213> ORGANISM: ARTIFICIAL SEQUENCE
 89 <220> FEATURE:
 90 <223> OTHER INFORMATION: synthetic peptide
 92 <400> SEQUENCE: 5
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 95 1 5 10 15
 98 Leu Ala
 102 <210> SEQ ID NO: 6
 103 <211> LENGTH: 17
 104 <212> TYPE: PRT
 105 <213> ORGANISM: ARTIFICIAL SEQUENCE
 107 <220> FEATURE:
 108 <223> OTHER INFORMATION: synthetic peptide
 110 <400> SEQUENCE: 6
 112 Thr Arg Gln Ala Arg Arg Asn Arg Arg Arg Arg Trp Arg Glu Arg Gln
 113 1 5 10 15
 116 Arg
 120 <210> SEQ ID NO: 7
 121 <211> LENGTH: 30
 122 <212> TYPE: RNA
 123 <213> ORGANISM: ARTIFICIAL SEQUENCE
 125 <220> FEATURE:
 126 <223> OTHER INFORMATION: synthetic oligonucleotide
 128 <400> SEQUENCE: 7
 129 ggucugggcg cagcgcaagc ugacgguaca
 132 <210> SEQ ID NO: 8
 133 <211> LENGTH: 19
 134 <212> TYPE: PRT
 135 <213> ORGANISM: ARTIFICIAL SEQUENCE
 137 <220> FEATURE:
 138 <223> OTHER INFORMATION: synthetic peptide
 140 <220> FEATURE:
 141 <221> NAME/KEY: MISC_FEATURE
 142 <222> LOCATION: (1)..(1)
 143 <223> OTHER INFORMATION: x is M or L
 146 <400> SEQUENCE: 8
 148 Xaa Asp Ala Gln Thr Arg Arg Arg Glu Arg Arg Ala Glu Lys Gln Ala
 149 1 5 10 15
 152 Gln Trp Lys

30

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/965,876

DATE: 02/08/2002

TIME: 14:43:08

Input Set : A:\00-789-A.seqlist2.ST25.txt

Output Set: N:\CRF3\02082002\I965876.raw

156 <210> SEQ ID NO: 9
 157 <211> LENGTH: 19
 158 <212> TYPE: RNA
 159 <213> ORGANISM: ARTIFICIAL SEQUENCE
 161 <220> FEATURE:
 162 <223> OTHER INFORMATION: synthetic oligonucleotide
 164 <220> FEATURE:
 165 <221> NAME/KEY: misc_feature
 166 <222> LOCATION: (1)..(2)
 167 <223> OTHER INFORMATION: n is g or absent
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 172 <222> LOCATION: (9)..(11)
 173 <223> OTHER INFORMATION: r for residues 9-11 is g or c
 176 <220> FEATURE:
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 178 <222> LOCATION: (5)..(5)
 179 <223> OTHER INFORMATION: s is c or g
 182 <220> FEATURE:
 183 <221> NAME/KEY: misc_feature
 184 <222> LOCATION: (18)..(19)
 185 <223> OTHER INFORMATION: r for residues 18-19 is C or absent
 188 <400> SEQUENCE: 9
 W--> 189 nngcscurr raagggrr
 192 <210> SEQ ID NO: 10
 193 <211> LENGTH: 17
 194 <212> TYPE: PRT
 195 <213> ORGANISM: ARTIFICIAL SEQUENCE
 197 <220> FEATURE:
 198 <223> OTHER INFORMATION: synthetic peptide
 200 <400> SEQUENCE: 10
 202 Asn Ala Lys Thr Arg Arg His Glu Arg Arg Arg Lys Leu Ala Ile Glu
 203 1 5 10 15
 206 Arg
 210 <210> SEQ ID NO: 11
 211 <211> LENGTH: 21
 212 <212> TYPE: RNA
 213 <213> ORGANISM: ARTIFICIAL SEQUENCE
 215 <220> FEATURE:
 216 <223> OTHER INFORMATION: synthetic oligonucleotide
 218 <400> SEQUENCE: 11
 219 ggugcgcuga caaagcgcgc c
 222 <210> SEQ ID NO: 12
 223 <211> LENGTH: 16
 224 <212> TYPE: PRT
 225 <213> ORGANISM: ARTIFICIAL SEQUENCE
 227 <220> FEATURE:
 228 <223> OTHER INFORMATION: synthetic peptide
 230 <400> SEQUENCE: 12

Per Sequence Rules,
 "r" can only represent
 "a" or "g". Use "s"
 to represent g or c.

r can only represent a or g

19

21

RAW SEQUENCE LISTING
 PATENT APPLICATION: US/09/965,876

DATE: 02/08/2002
 TIME: 14:43:08

Input Set : A:\00-789-A.seqlist2.ST25.txt
 Output Set: N:\CRF3\02082002\I965876.raw

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233 1          5          10          15
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237 <211> LENGTH: 33
238 <212> TYPE: RNA
239 <213> ORGANISM: ARTIFICIAL SEQUENCE
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245 gggcgccggu acgcaaguac gacgguacgc ucc
248 <210> SEQ ID NO: 14
249 <211> LENGTH: 13
250 <212> TYPE: PRT
251 <213> ORGANISM: ARTIFICIAL SEQUENCE
253 <220> FEATURE:
254 <223> OTHER INFORMATION: synthetic peptide
256 <400> SEQUENCE: 14
258 Gly Arg Lys Lys Arg Arg Gln Arg Arg Arg Pro Pro Gln
259 1          5          10
262 <210> SEQ ID NO: 15
263 <211> LENGTH: 16
264 <212> TYPE: RNA
265 <213> ORGANISM: ARTIFICIAL SEQUENCE
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268 <223> OTHER INFORMATION: synthetic oligonucleotide
270 <400> SEQUENCE: 15
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274 <210> SEQ ID NO: 16
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276 <212> TYPE: RNA
277 <213> ORGANISM: ARTIFICIAL SEQUENCE
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280 <223> OTHER INFORMATION: synthetic oligonucleotide
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286 <210> SEQ ID NO: 17
287 <211> LENGTH: 19
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289 <213> ORGANISM: ARTIFICIAL SEQUENCE
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294 <400> SEQUENCE: 17
295 acaugaggau uacccaugu
298 <210> SEQ ID NO: 18
299 <211> LENGTH: 19
300 <212> TYPE: RNA
301 <213> ORGANISM: ARTIFICIAL SEQUENCE
303 <220> FEATURE:
304 <223> OTHER INFORMATION: synthetic oligonucleotide

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RAW SEQUENCE LISTING

DATE: 02/08/2002

PATENT APPLICATION: US/09/965,876

TIME: 14:43:08

Input Set : A:\00-789-A.seqlist2.ST25.txt

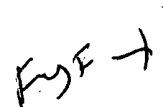
Output Set: N:\CRF3\02082002\I965876.raw

19

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307 acaugaggau cacccaugu
310 <210> SEQ ID NO: 19
311 <211> LENGTH: 13
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313 <213> ORGANISM: ARTIFICIAL SEQUENCE
315 <220> FEATURE:
316 <223> OTHER INFORMATION: synthetic peptide
318 <400> SEQUENCE: 19
320 Ala Leu Gln Lys Lys Leu Glu Glu Leu Glu Leu Asp Glu
321 1          5          10
324 <210> SEQ ID NO: 20
325 <211> LENGTH: 13
326 <212> TYPE: PRT
327 <213> ORGANISM: ARTIFICIAL SEQUENCE
329 <220> FEATURE:
330 <223> OTHER INFORMATION: synthetic peptide
332 <400> SEQUENCE: 20
334 Asp Leu Gln Lys Lys Leu Glu Glu Leu Glu Leu Asp Glu
335 1          5          10
338 <210> SEQ ID NO: 21
339 <211> LENGTH: 24
340 <212> TYPE: PRT
341 <213> ORGANISM: ARTIFICIAL SEQUENCE
343 <220> FEATURE:
344 <223> OTHER INFORMATION: synthetic peptide
346 <400> SEQUENCE: 21
348 Asp Lys Glu Arg Trp Glu Asp Val Lys Glu Glu Met Thr Ser Ala Leu
349 1          5          10          15
352 Ala Thr Met Arg Val Asp Tyr Glu
353          20
356 <210> SEQ ID NO: 22
357 <211> LENGTH: 19
358 <212> TYPE: PRT
359 <213> ORGANISM: ARTIFICIAL SEQUENCE
361 <220> FEATURE:
362 <223> OTHER INFORMATION: synthetic peptide
364 <400> SEQUENCE: 22
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367 1          5          10          15
370 Val Val Glu
374 <210> SEQ ID NO: 23
375 <211> LENGTH: 9
376 <212> TYPE: PRT
377 <213> ORGANISM: ARTIFICIAL SEQUENCE
379 <220> FEATURE:
380 <223> OTHER INFORMATION: synthetic peptide
382 <400> SEQUENCE: 23
384 Leu Pro Pro Leu Glu Arg Leu Thr Leu

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 The symbol 'Xaa' has been detected in the Sequence Listing.
 Now the Sequence Listing to insure a corresponding
 explanation is presented in the <220> to <223> fields of
 each sequence using n or Xaa.

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/965,876

DATE: 02/08/2002

TIME: 14:43:09

Input Set : A:\00-789-A.seqlist2.ST25.txt

Output Set: N:\CRF3\02082002\I965876.raw

L:148 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:8
L:189 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:9
L:500 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:30